



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: (304) 926-0475 • FAX: (304) 926-0479

Jim Justice, Governor
Austin Caperton, Cabinet Secretary
www.dep.wv.gov

February 27, 2017

James Alley
123 Little Mud Lick
Belfry, KY 41514

RE: Alley Trucking LLC
Portable Crusher (Logan County)
Permit Application No. G40-C085
Plant ID No. 777-00144

Dear Mr. Alley:

Your application for a permit as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed permit G40-C085 is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

This permit does not affect 45CSR30 applicability, the source is a nonmajor source subject to 45CSR30.

In accordance with 45CSR30- Operating Permit Program, the permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions or comments, please contact me at (304) 926-0499, extension 1212.

Sincerely,

Thornton E. Martin Jr.
Permit Engineer

c: James Alley, jimmyalley@suddenlink.net
Donna J. Toler, donnatoler@suddenlink.net

West Virginia Department of Environmental Protection
Jim Justice
Governor

Division of Air Quality

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Cabinet Secretary

Class II General Permit G40-C Registration to Construct



for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation,
Administrative Update and Operation of
Nonmetallic Mineral Processing Plants

*The permittee identified at the facility listed below is authorized to
construct the stationary sources of air pollutants identified herein in accordance
with all terms and conditions of General Permit G40-C.*

G40-C085

Issued to:
Alley Trucking LLC
Logan County Portable Crusher
777-00144

A handwritten signature in blue ink, appearing to read "William F. Durham", is written over a horizontal line.

William F. Durham
Director

Effective: February 27, 2016

This Class II General Permit Registration will supercede and replace: Not Applicable

Facility Location: Site 1 - Coal Mac Property in Holden, Logan County, West Virginia
Site 2 - Mingo Logan Coal Surface Mine in Sharples, Logan County, WV
Mailing Address: 123 Little Mud Lick, Belfry, KY 40509
Facility Description: Nonmetallic Mineral Processing Plant
NAICS Codes: 212312
UTM Coordinates: Site 1 - Easting: 404.51717 km Northing: 4178.30060 km Zone: 17
Site 2 - Easting: 430.41396 km Northing: 4193.32918 km Zone: 17
Registration Type: Construction

Subject to 40CFR60 Subpart OOO? Yes

Subject to 40CFR60 Subpart IIII? Yes

Subject to 40CFR60 Subpart JJJJ? No

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

As a result of this permit, the source is a nonmajor or area source subject to 45CSR30. Therefore, the facility is not subject to the permitting requirements of 45CSR30 and is classified as a deferred source.

Unless otherwise stated WVDEP DAQ did not determine whether the registrant is subject to an area source air toxics standard requiring Generally Achievable Control Technology (GACT) promulgated after January 1, 2007 pursuant to 40 CFR 63, including the area source air toxics provisions of 40 CFR 63, Subpart ZZZZ.

All registered facilities under Class II General Permit G40-C are subject to Sections 1.0, 1.1, 2.0, 3.0, and 4.0.

The following sections of Class II General Permit G40-C apply to the registrant:

Section 5	Nonmetallic Mineral Processing Operations	X
Section 6	Standards of Performance for Nonmetallic Mineral Processing Plants that Commenced Construction, Reconstruction or Modification after August 31, 1983 but before April 22, 2008 (40CFR60 Subpart OOO)	<input type="checkbox"/>
Section 7	Standards of Performance for Nonmetallic Mineral Processing Plants that Commenced Construction, Reconstruction or Modification on or after April 22, 2008. (40CFR60 Subpart OOO)	X
Section 8	Reciprocating Internal Combustion Engines (R.I.C.E.)	X
Section 9	Tanks	X
Section 10	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII)	X
Section 11	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)	<input type="checkbox"/>

Emission Units

Equipment ID No.	Date of Manufacture	Description	Maximum Capacity		Control Equipment ¹
			TPH	TPY	
BS-01	2014	10 Ton Storage Bin - receives rock from overburden area via end loader	----	640,000	PW
BC-01	2014	Belt Conveyor - receives rock from bin BS-01 and transfers to screen SS-01	400	640,000	N
SS-01	2014	Double Deck Screen - receives rock from belt conveyor BC-01. Sized rock drops to Belt conveyors BC-02, BC-03 or BC-04	400	3,504,000	PW
BC-02	2014	Belt Conveyor - receives rock from screen SS-01 and transfers to open stockpile OS-01	400	640,000	N
OS-01	----	5,000 ton Open Stockpile - receives -2X0 rock from belt conveyor BC-02	----	640,000	SW-WS
BC-03	2014	Belt Conveyor - receives rock from screen SS-01 and transfers to open stockpile OS-02	400	640,000	N
OS-02	----	5,000 ton Open Stockpile - receives 2X0 rock from belt conveyor BC-03	----	640,000	SW-WS

Equipment ID No.	Date of Manufacture	Description	Maximum Capacity		Control Equipment ¹
			TPH	TPY	
BC-04	2014	Belt Conveyor - receives rock +3 from screen SS-01 and transfers to bin BS-02	400	640,000	N
BS-02	2014	Storage Bin - receives rock +3 from belt conveyor BC-04 and transfers to belt conveyor BC-05	----	640,000	PW
BC-05	2014	Belt Conveyor - receives rock +3 from bin BS-02 and transfers to crusher CR-01	400	640,000	N
CR-01	2014	Jaw Crusher - receives rock from BS-02, crushes material dropping onto three separate product conveyors BC-06, BC-07 and BC-08	400	640,000	FW
BC-06	2014	Belt Conveyor - receives rock -2X0 from crusher CR-01 and transfers to open stockpile OS-03	400	640,000	N
OS-03	----	5,000 ton Open Stockpile - receives -2X0 rock from belt conveyor BC-06	----	640,000	SW-WS
BC-07	2014	Belt Conveyor - receives rock from crusher CR-01 and transfers to open stockpile OS-04	400	640,000	N
OS-04	----	5,000 ton Open Stockpile - receives 2X0 rock from belt conveyor BC-07	----	640,000	SW-WS
BC-08	2014	Belt Conveyor - receives rock from crusher CR-01 and transfers to open stockpile OS-05	400	640,000	N
OS-05	----	5,000 ton Open Stockpile - receives 3X0 rock from belt conveyor BC-08	----	640,000	SW-WS
E-1	2014	Scania Y9X Diesel Engine, Tier 4F Certified	275 bhp/1,800 rpm		N
E-2	2014	Scania Y9X Diesel Engine, Tier 4F Certified	275 bhp/1,800 rpm		N
T-1	2017	Diesel Tank, 1,000 gallon volume	8,000 gal/yr		N

¹ PW - Partial Enclosure w/water spray; SW-WS - Water Sprays; N - None

Control Devices (*Not Applicable*)

Control Device ID	Source ID No.	Emission Unit Description	Month/Year Constructed, Reconstructed, or Modified

Reciprocating Internal Combustion Engines

Emission Unit ID	Emission Unit Description (Make, Model, Serial No.)	Year Installed	Design Capacity (Bhp/rpm)
E-1	Scania Y9X Diesel Engine, Tier 4F Certified	2017	275 / 1,800
E-2	Scania Y9X Diesel Engine, Tier 4F Certified	2017	275 / 1,800

Reciprocating Internal Combustion Engines (R.I.C.E.) Information

Emission Unit ID	Subject to 40CFR60 Subpart IIII?	Subject to 40CFR60 Subpart JJJJ?	Subject to Sections 8.1.4/8.2.1 (Catalytic Reduction Device)
E-1	Yes	No	No
E-2	Yes	No	No

Emission Limitations

Emission Source	Maximum Controlled Hourly Emissions (lb/hr)	Maximum Controlled Annual Emissions (tons/year)
FUGITIVE EMISSIONS		
Stockpiles	0.14	0.62
Unpaved Haulroads	57.51	46.01
Paved Haulroads	0.00	0.00
Total Fugitive Emissions	57.65	46.63
POINT SOURCE EMISSIONS		
Equipment Emissions	2.55	2.04
Transfer Point Emissions	0.04	0.04
Total Point Source Emissions	2.59	2.07
TOTAL FACILITY EMISSIONS		
Total Facility Emissions	60.24	48.70

Engines

Source ID	Emission Source	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
E-1	Scania Y9X Diesel Engine	Nitrogen Oxides	0.18	0.14
		Carbon Monoxide	1.56	1.25
		Particulate Matter	0.01	0.01
		Volatile Organic Compounds	0.08	0.06
		Formaldehyde	0.0022	0.0019
E-2	Scania Y9X Diesel Engine	Nitrogen Oxides	0.18	0.14
		Carbon Monoxide	1.56	1.25
		Particulate Matter	0.01	0.01
		Volatile Organic Compounds	0.08	0.06
		Formaldehyde	0.0022	0.0019